A combination sock and shoe is provided with a sock including an interior; a sole secured to a lower portion of the sock; and at least one strap each having both ends secured to the sole by crossing the sock. The combination sock and shoe can prevent a wearer from slipping in walking. Further, it is durable.
COMBINATION SOCK AND SHOE

BACKGROUND OF THE INVENTION

[0001] 1. Field of the Invention

[0002] The invention relates to combination sock and shoe and more particularly to a combination sock and shoe being antislip and durable.

[0003] 2. Description of Related Art

[0004] Infants may wear socks for keeping feet warm in the winter. However, the infant may slip when wearing the socks. Further, it is inconvenient of wearing shoes and taking off shoes frequently. Thus, there is combination sock and shoe commercially available and has the features of convenient in use, easy washing, etc.

[0005] A conventional combination sock and shoe is shown in Figs. 6 and 7 and comprises a sock 4 and a shoe sole b formed on a bottom of the sock 4. However, a lower portion of the sock 4 may project forward (see Fig. 6) or laterally (see Fig. 7) when an infant wears the combination sock and shoe in walking. Further, the infant may slip. Furthermore, the joining portion of the sock 4 and the shoe sole b may break after a short period of use. Thus, the need for improvement still exists.

SUMMARY OF THE INVENTION

[0006] It is therefore one object of the invention to provide a combination sock and shoe comprising a sock including an interior; a sole secured to a lower portion of the sock; and at least one strap each having both ends secured to the sole by crossing the sock.

[0007] The above and other objects, features and advantages of the invention will become apparent from the following detailed description taken with the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

[0008] FIG. 1 is a perspective view of a combination sock and shoe according to a first preferred embodiment of the invention;

[0009] FIG. 2 is a side elevation of the combination sock and shoe;

[0010] FIG. 3 is a longitudinal section of the combination sock and shoe shown in FIG. 2 viewing from the side;

[0011] FIG. 4 is a longitudinal section of the combination sock and shoe shown in FIG. 2 viewing from the front;

[0012] FIG. 5 is a perspective view of a combination sock and shoe according to a second preferred embodiment of the invention;

[0013] FIG. 6 schematically depicts a conventional combination sock and shoe and a forward movement thereof when an infant wears it and steps forward; and

[0014] FIG. 7 schematically depicts a lateral movement of the conventional combination sock and shoe when the infant wears it.

DETAILED DESCRIPTION OF THE INVENTION

[0015] Referring to FIGS. 1 to 4, a combination sock and shoe in accordance with the invention comprises the following components as discussed in detail below.

[0016] A sock 1 has an interior 11 for accommodating the foot of a wearer. The sock 1 is made of a soft material such as cotton, textile, or fabric. A flexible strap 2 is elongated. A sole 3 is resilient in nature and is adapted to accommodate the sole of a wearer. The sole 3 is formed of a resilient material such as plastic, rubber, or foam. The sole 3 in the form of liquid is flowed to a bottom of the sock 1 in the manufacturing process. Thus, the sock 1 and the sole 3 are secured together by curing after finishing the process (see FIG. 3). The strap 2 has one end formed with one side of a heel portion of the sole 3 and the other end formed with the other side of the heel portion of the sole 3 after crossing a vamp of the sock 1 (see FIG. 4).

[0017] In response to a person wearing the sock 1, the strap 2 can hold the sole of the person in the sole 3 in place. Thus, the wearer (e.g., an infant) may walk without being worried of slipping. Further, the combination sock and shoe has a prolonged useful life (i.e., durable). Additionally, an insole 4 is provided on a bottom of the interior 11. In addition, an antislip arrangement including a plurality of projections 31 are formed on a bottom of the sole 3 so as to prevent the wearer from slipping in walking.

[0018] Referring to FIG. 5, a combination sock and shoe in accordance with a second preferred embodiment of the invention is shown. The characteristics of the second preferred embodiment are substantially the same as that of the first preferred embodiment except the following: Additional two flexible straps 2 are provided between the strap 2 shown in FIG. 1 and a toe portion of the sole 3. Each additional strap 2 has one end formed with one side of an arch portion of the sole 3 and the other end formed with the other side of the arch portion of the sole 3 after crossing the vamp of the sock 1.

[0019] While the invention has been described in terms of preferred embodiments, those skilled in the art will recognize that the invention can be practiced with modifications within the spirit and scope of the appended claims.

What is claimed is:

1. A combination sock and shoe comprising:
   a sock including an interior;
   a sole secured to a lower portion of the sock; and
   at least one strap each having both ends secured to the sole by crossing the sock.

2. The combination sock and shoe of claim 1, wherein the sock is made of cotton, textile, or fabric.

3. The combination sock and shoe of claim 1, wherein the sole is made of plastic, rubber, or foam.

4. The combination sock and shoe of claim 1, further comprising an insole disposed on a bottom of the interior of the sock.

5. The combination sock and shoe of claim 1, further comprising a plurality of antislip projections formed on a bottom of the sole.

6. The combination sock and shoe of claim 4, further comprising a plurality of antislip projections formed on a bottom of the sole.

7. The combination sock and shoe of claim 1, wherein the at least one strap comprises three straps.

8. The combination sock and shoe of claim 4, wherein the at least one strap comprises three straps.

9. The combination sock and shoe of claim 5, wherein the at least one strap comprises three straps.

10. The combination sock and shoe of claim 6, wherein the at least one strap comprises three straps.